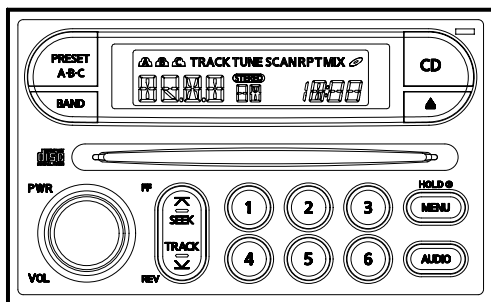


Service Manual



NISSAN Automobile Genuine AM/FM Radio CD Player

Model **PP-2449H-A**
(Genuine No. 28185 8Z500)
(ID No. CY150)

Model **PP-2449H-B**
(Genuine No. 28185 8Z400)
(ID No. CY140)

Model **PP-2449H-C**
(Genuine No. 28185 7Z800)
(ID No. CY130)

SPECIFICATIONS

Radio section

Tuning system: PLL frequency synthesizer system

Receive range: AM 530kHz to 1,710kHz
FM 87.9MHz to 107.9MHz

Intermediate frequency: AM 450kHz
FM 10.7MHz

Quieting sensitivity: AM Less than 32dB μ (at 20dB S/N)
FM Less than 11dB μ (at 30dB S/N)

Separation: FM 22 + 5/ - 7dB(1kHz)

Auto tuning stop sensitivity: AM 32 \pm 6dB μ
FM 25 \pm 6dB μ

CD section

Disc: 12cm, 8cm Disc

Separation: More than 50dB

S/N ratio: More than 74dB

AUX section

Gain:(PP-2449H-A) FRONT 19 \pm 3dB
REAR 19 \pm 3dB

(PP-2449H-B) FRONT 16 \pm 3dB
REAR 19 \pm 3dB

(PP-2449H-C) FRONT 18 \pm 3dB
REAR 17 \pm 3dB

(AUX input 1kHz, 245mV, VOL max.)

General

Load impedance: 2
Power output: 25W \times 4(H-A/H-C)
25W \times 2(H-B)

Power supply voltage: DC13.2V(10.8V to 15.6V)
Negative ground

Back-up consumption: Less than 3mA

Dimensions(mm): 180(W) \times 108(H) \times 160(D)

Weight: Approx. 1.9kg

Specifications and design are subject to change without notice for further improvement.

COMPONENTS

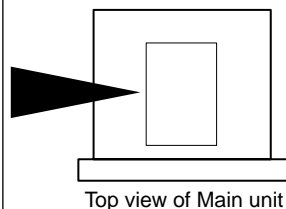
PP-2449H-A, H-B, H-C

Main unit - - - - - 1

NOTE

We cannot supply PWB with component parts in principle. When a circuit on PWB has failure, please repair it by component parts base. Parts which are not mentioned in service manual are not supplied.

The compact disc player should not be adjusted or repaired by anyone except properly qualified service personnel.

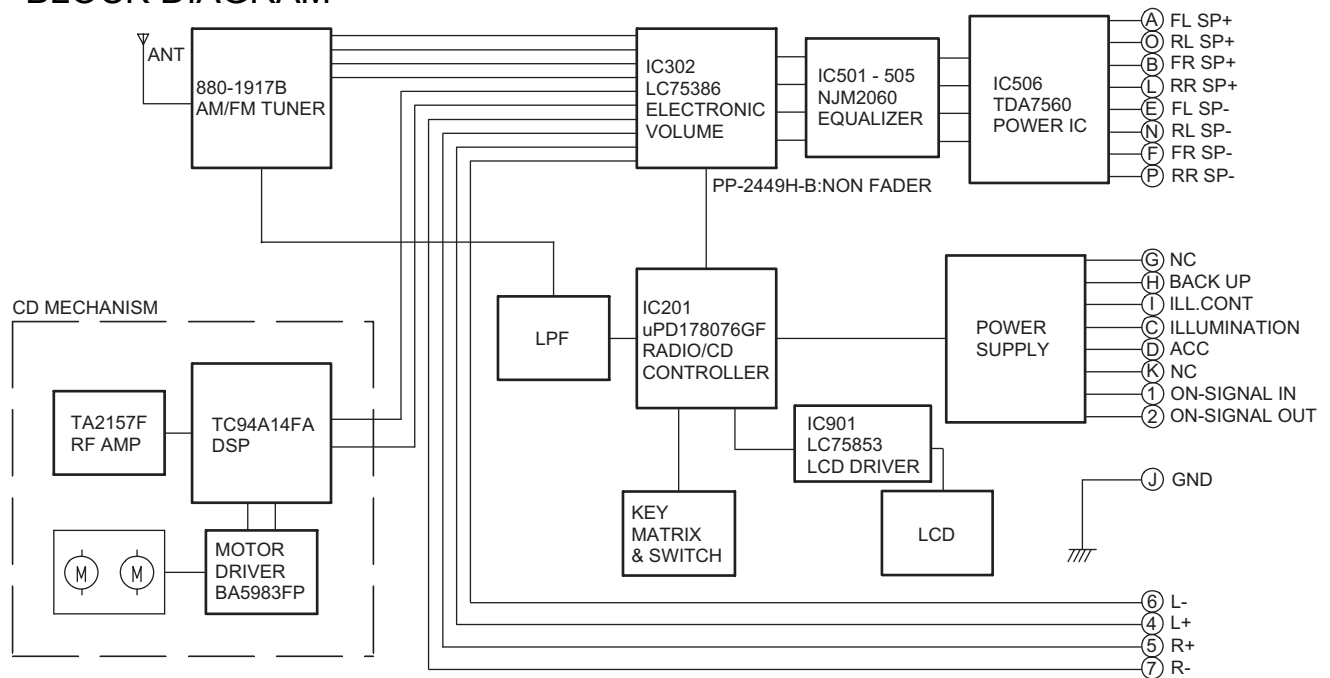


PP-2449H-A
PP-2449H-B
PP-2449H-C

Before repair or inspection, make sure to follow the instructions so that customers and Engineers in charge of repair or inspection can avoid suffering any risk or injury.

- Dust on the optical lens affects performance. To clean the lens, apply a small amount of isopropyl alcohol to lens paper and wipe the lens gently.

BLOCK DIAGRAM



ADJUSTMENT

Item	Procedure	Measuring instrument
Noise convergence	1. Input a 98.1MHz/55dB(1kHz,30% MOD)signal.(0dB=1.4V) 2. Adjust the output to $-18 \pm 3\text{dB}$ by VR102 when the SSG output is set -20dB μ .	SSG Milli-volt meter
Clock accuracy	1. Turn off and on the ACC switch,while holding CD EJECT button and POWER button.Repeat it twice slowly. 2. Set a universal timer to TP201,adjust TC201 so that a reading of the meter is 0 ± 0.1 sec/day.	Universal timer

EXPLANATION OF IC

052-1173-00 uPD178076GF-541-3BA Radio & CD Controller

1.Terminal Description

pin 1: EJECT SW_ :IN: The eject key signal input.
pin 2: NU : - : Not in use.
pin 3: NU : - : Not in use.
pin 4: VOL DATA : O : Serial data output to the electric volume IC.
pin 5: VOL CLOCK : O : Serial data clock output to the electric volume IC.
pin 6: VOL CE : O : Chip enable signal output to the volume IC.
pin 7: NU : - : Not in use.
pin 8: LCD DI_ :IN: Serial data input from the LCD driver.
pin 9: LCD DO : O : Serial data output to the LCD driver.
pin 10: LCD CLK : O : Serial data clock output to LCD driver.
pin 11: LCD CE : O : Chip enable signal output to the LCD driver.
pin 12: NU : - : Not in use.
pin 13: POWER SW_ :IN: Power switch pulse input.
pin 14: VOL 1 :IN: Volume control pulse input from the rotary switch.
pin 15: VOL 2 :IN: Volume control pulse input from the rotary switch.
pin 16: ILL_ :IN: Illumination ON signal input.
pin 17: NU : - : Not in use.
pin 18: NU : - : Not in use.
pin 19: NU : - : Not in use.
pin 20: NU : - : Not in use.
pin 21: NU : - : Not in use.
pin 22: NU : - : Not in use.
pin 23: NU : - : Not in use.
pin 24: NU : - : Not in use.
pin 25: NU : - : Not in use.
pin 26: NU : - : Not in use.
pin 27: A VDD : - : Positive supply voltage for the Analog section.

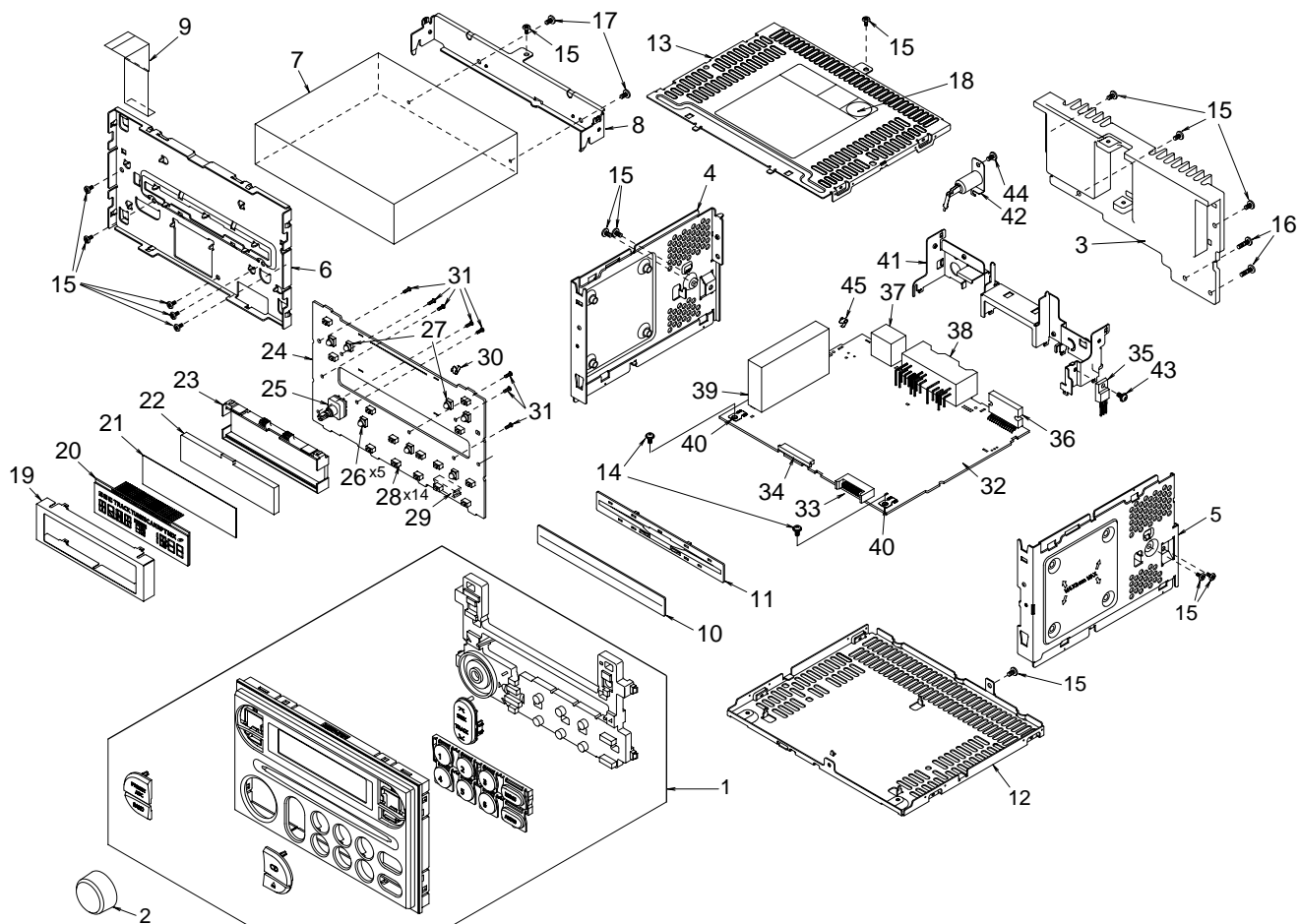
pin 28: NU : - : Not in use.
pin 29: NU : - : Not in use.
pin 30: NU : - : Not in use.
pin 31: NU : - : Not in use.
pin 32: A VSS : - : Analog ground.
pin 33: REG CPU :IN: Capacitor connection terminal to suppress the ripple.
pin 34: VDD 0 : - : Positive supply voltage.
pin 35: REG OSC :IN: Capacitor connection terminal to suppress the ripple.
pin 36: X 2 : - : Crystal connection.
pin 37: X 1 : - : Crystal connection.
pin 38: GND 0 : - : Ground.
pin 39: NU : - : Not in use.
pin 40: GND 2 : - : Ground.
pin 41: AM IF :IN: Input terminal of the internal universal counter for AM IF.
pin 42: FM IF :IN: Input terminal of the internal universal counter for FM IF.
pin 43: VDD PLL : - : Positive supply voltage for the PLL.
pin 44: FM OSC :IN: Input terminal of the internal counter for FM OSC(Local Oscillation).
pin 45: AM OSC :IN: Input terminal of the internal counter for AM OSC(Local Oscillation).
pin 46: GND PLL : - : Ground for the PLL.
pin 47: Voltage Tune : O : PLL error output.
pin 48: NU : - : Not in use.
pin 49: IC :IN: Not in use.
pin 50: RESET_ :IN: Reset signal input.
pin 51: SP INIT :IN: 4SP = "L" , 2SP = "H".
pin 52: NU : - : Not in use.
pin 53: ST_/TWEET_ :I/O: Outputs "L" at AM 900kHz receiving. Inputs "L" at FM stereo receiving.
pin 54: CLK INT :IN: Without the clock display = "H".
pin 55: AUX ON_ :IN: AUX ON signal input.
pin 56: TEST :IN: Test enable signal input.
pin 57: LCD ON_ : O : LCD back light ON signal output.

pin 58: NU : - : Not in use.
pin 59: BEEP : O : Beep out.
pin 60: NU : - : Not in use.
pin 61: NU : - : Not in use.
pin 62: CD RESET_ : O : Reset signal output to the CD mechanism controller.
pin 63: NU : - : Not in use.
pin 64: AF MUTE_ : O : Audio signal mute pulse output.
pin 65: NU : - : Not in use.
pin 66: FM ON_ : O : FM ON flag output.
pin 67: AM ON_ : O : AM ON flag output.
pin 68: CD ON : O : CD ON flag output.
pin 69: NU : - : Not in use.
pin 70: NU : - : Not in use.
pin 71: NU : - : Not in use.
pin 72: RF MUTE : O : RF mute signal output.
pin 73: DX_LO : O : DX = "L" , Local = "H".
pin 74: SYS ON : O : System-ON signal output.
pin 75: AMP ON : O : Audio power amplifier ON signal output.
pin 76: COMBI ON : O : COMBI ON pulse output.
pin 77: NU : - : Not in use.
pin 78: ACC IN_ : IN : ACC ON signal input
pin 79: RADIO ON : O : Radio ON flag output.
pin 80: NU : - : Not in use.

pin 81: SBSY : IN : CD IC Sub Q data request signal input.
pin 82: GND 1 : - : Ground.
pin 83: CD CONNECT_ : IN : "L" is outputted when CD-FPC connection trouble is detected.
pin 84: BUS 0 : I/O : CD IC Data input / output.
pin 85: BUS 1 : I/O : CD IC Data input / output.
pin 86: BUS 2 : I/O : CD IC Data input / output.
pin 87: BUS 3 : I/O : CD IC Data input / output.
pin 88: BUC CLOCK : O : CD IC clock pulse output.
pin 89: CCE : O : Chip enable signal output to CD IC.
pin 90: GS1 TEST : O : Test data output.
pin 91: S STOP : IN : "L"= In side limit.
pin 92: CHU SW : IN : CD disc chucking signal input.
pin 93: TR B : IN : Photo sensor signal input from the CD mechanism.
pin 94: TR A : IN : Photo sensor signal input from the CD mechanism.
pin 95: LOAD CONT : IN : Loading = "H", Eject = "L".
pin 96: LOAD MUTE : O : Loading muting control output.
pin 97: NU : - : Not in use.
pin 98: NU : - : Not in use.
pin 99: VDD PORT : - : Positive supply voltage for the ports.
pin100: GND PORT : - : Ground for the ports.

EXPLODED VIEW • PARTS LIST

Main section



Note)Some parts depend on each model.The model name is specified in the description.

NO.	PART NO.	DESCRIPTION	Q'TY
1	940-7962-80 940-7962-81 940-7962-82	ESCUTCHEON ASSY(H-A) ESCUTCHEON ASSY(H-B) ESCUTCHEON ASSY(H-C)	1
2	380-5530-00	KNOB	1
3	313-1827-10	HEAT SINK	1
4	305-0313-00	SIDE PLATE	1
5	305-0314-00	SIDE PLATE	1

NO.	PART NO.	DESCRIPTION	Q'TY
6	331-3256-00	ES PLATE	1
7	929-0220-81	CD MECHANISM	1
8	331-3254-10	MECHANISM BRKT	1
9	816-2549-00	FLAT WIRE	1
10	346-0140-00	LEATHER SHEET	1
11	335-6647-00	DISC GUIDE	1

NO.	PART NO.	DESCRIPTION	Q'TY
12	311-1833-10	LOWER CASE	1
13	310-1739-10	UPPER CASE	1
14	716-0878-00	IT SCREW	2
15	714-2606-81	MACHINE SCREW(M2.6 × 6)	15
16	714-2612-81	MACHINE SCREW(M2.6 × 12)	2
17	714-2603-81	MACHINE SCREW(M2.6 × 3)	2
18	286-9909-00 286-9909-01 286-9909-02	SETPLATE(H-A) SETPLATE(H-B) SETPLATE(H-C)	1
19	331-3255-00	LCD COVER	1
20	379-1219-30	INDICATOR(LCD)	1
21	335-6668-00	COLOR FILTER	1
22	335-6645-01	LCD REFLECTOR	1
23	335-6646-00	ILLUMI HOLDER	1
24	039-1985-00	SWITCH PWB (WITHOUT COMPONENT)	1
25	016-0013-03	ROTARY ENCODER	1
26	017-0433-52	PILOT LAMP(14V40mA)	5
27	017-0447-59	PILOT LAMP(8V105mA)	2
28	013-6305-50	TACT SWITCH	14

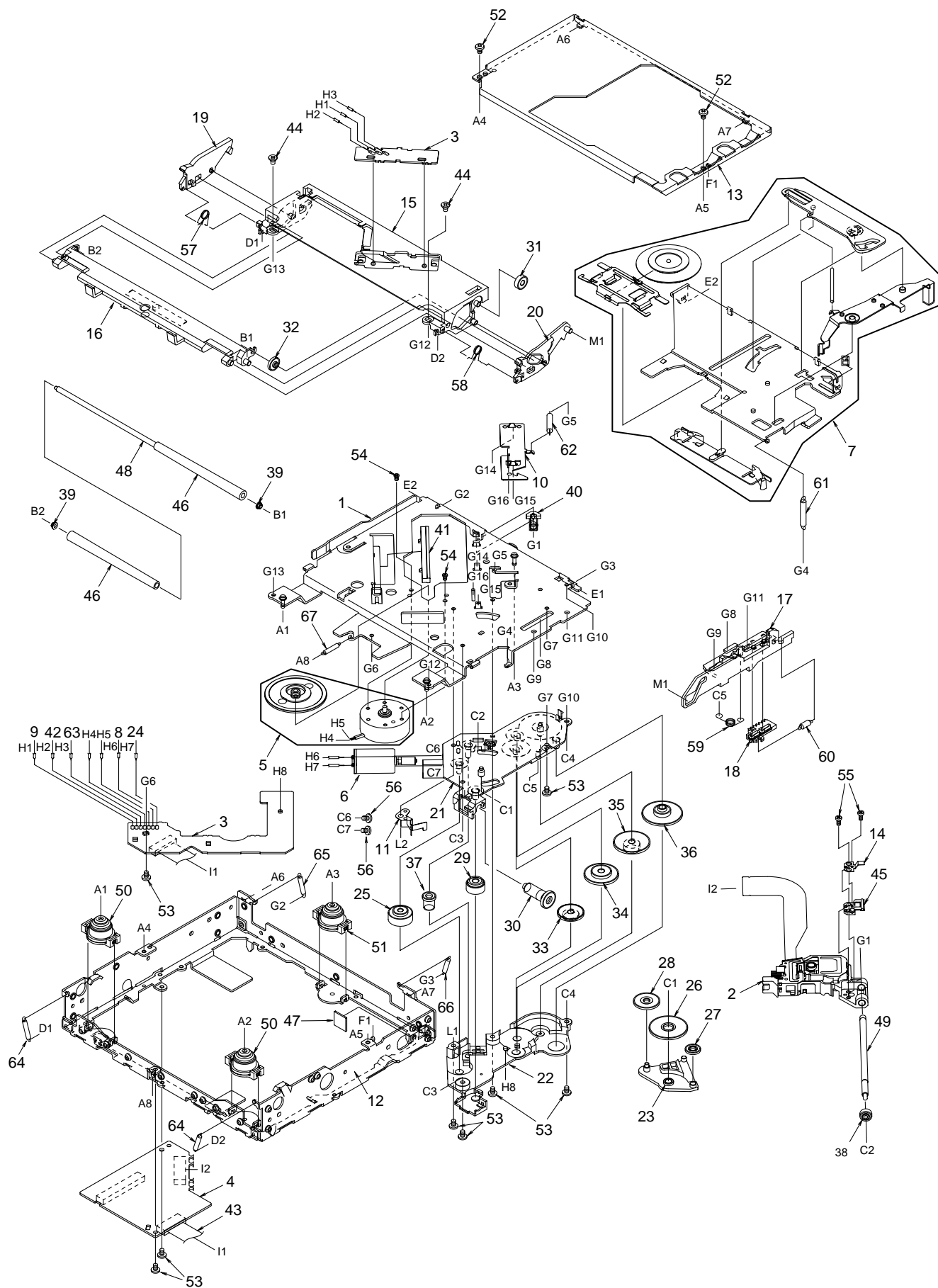
NO.	PART NO.	DESCRIPTION	Q'TY
29	074-1151-14	OUTLET SOCKET(14P)	1
30	073-0774-00	TERMINAL	1
31	702-2006-81	TAP SCREW(2 × 6)	8
32	039-1984-02	MAIN PWB (WITHOUT COMPONENT)	1
33	076-0540-14	PLUG(14P)	1
34	074-1191-26	OUTLET SOCKET(26P)	1
35	103-2012-00	TRANSISTOR(2SD2012)	1
36	051-2037-00	POWER IC	1
37	074-0850-08	OUTLET SOCKET(DIN8P)	1
38	074-1068-11	OUTLET SOCKET(10P+6P)	1
39	880-1917B	AM/FM TUNER	1
40	073-0762-90	TERMINAL	2
41	307-0683-05	REAR PLATE	1
42	092-0702-00	ANT-RECEPTACLE	1
43	716-0878-00	IT SCREW	1
44	714-2606-81	MACHINE SCREW(M2.6 × 6)	1
45	073-0774-00	TERMINAL	1

CD mechanism section 929-0220-81

Exploded view on next page.

NO.	PART NO.	DESCRIPTION	Q'TY
1	966-0595-24	DRIVE PLATE ASSY	1
2	969-0060-30	PICK UP UNIT	1
3	039-1944-21	LED PWB (WITHOUT COMPONENT)	1
4	039-1945-20	CD PWB (WITHOUT COMPONENT)	1
5	SMA-182-100	MOTOR ASSY(SPINDELE)	1
6	SMA-183-100	MOTOR ASSY(SLED)	1
7	HBT-516-100	CLAMPER SUB ASSY	1
8	803-4906-60	VINYL COAT WIRE(ORG)	1
9	816-2566-50	LEAD WIRE(YEL)	1
10	620-1025-21	ID-LOCK PLATE	1
11	620-1026-21	SPRING PLATE	1
12	620-1027-24	LOWER CHASSIS	1
13	620-1028-21	UPPER CHASSIS	1
14	620-1029-21	SH-SPRING	1
15	621-0598-25	UPPER GUIDE	1
16	621-0599-25	ROLLER GUIDE	1
17	621-0600-23	SHIFT LEVER	1
18	621-0601-21	RACK	1
19	621-0602-22	LOCK ARM L	1
20	621-0603-23	LOCK ARM R	1
21	621-0604-21	GEAR BASE	1
22	621-0605-21	GEAR COVER	1
23	621-0606-21	IDLE CASE	1
24	805-4906-60	VINYL COAT WIRE(GRN)	1
25	621-0608-21	SECOND GEAR	1
26	621-0609-20	BASE GEAR	1
27	621-0610-20	IDLE GEAR A	1
28	621-0611-20	IDLE GEAR B	1
29	621-0612-21	ROLLER GEAR A	1

NO.	PART NO.	DESCRIPTION	Q'TY
30	621-0613-20	ROLLER GEAR B	1
31	621-0614-20	ROLLER GEAR C	1
32	621-0615-21	ROLLER GEAR D	1
33	621-0616-20	POWER GEAR A	1
34	621-0617-20	POWER GEAR B	1
35	621-0618-20	POWER GEAR C	1
36	621-0619-20	POWER GEAR D	1
37	621-0620-20	THREAD GEAR A	1
38	621-0621-20	THREAD GEAR B	1
39	621-0622-20	ROLLER SLEEVE	2
40	621-0623-21	LS-HOLDER	1
41	621-0624-20	GUIDE RAIL	1
42	816-2566-52	LEAD WIRE(PUR)	1
43	816-2542-01	FLAT WIRE(10P)	1
44	716-3473-00	SCREW	2
45	621-0628-21	SH-BASE	1
46	621-0629-20	LOADING ROLLER	2
47	345-8704-20	CUSHION RUBBER	1
48	622-1571-20	ROLLER SHAFT	1
49	624-0018-01	LEAD SCREW	1
50	629-0081-20	DAMPER F	2
51	629-0082-20	DAMPER R	1
52	714-2003-81	MACHINE SCREW	2
53	716-1507-00	SCREW	8
54	716-1733-00	SCREW	2
55	716-3469-00	SPECIAL SCREW	2
56	716-3446-00	SCREW	2
57	750-3465-21	ROLLER SPRING L	1
58	750-3466-20	ROLLER SPRING R	1
59	750-3467-20	SHIFT SPRING	1



NO.	PART NO.	DESCRIPTION	Q'TY
60	750-3468-20	RACK SPRING	1
61	750-3469-20	CLAMPER SPRING	1
62	750-3470-20	ID-LOCK SPRING	1
63	816-2566-51	LEAD WIRE(BLU)	1

NO.	PART NO.	DESCRIPTION	Q'TY
64	750-3472-21	DR-SPRING F	2
65	750-3473-20	DR-SPRING RA	1
66	750-3474-20	DR-SPRING RB	1
67	750-3475-21	DR-SPRING C	1

ELECTRICAL PARTS LIST

Note) Several different parts of the same reference number are alternative parts. One of those parts is used in the set.

Some parts depend on each model. The model name is specified in the description. PP-2449H-A(H-A), PP-2449H-B(H-B), PP-2449H-C(H-C)

Main PWB(B1) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
BL101	880-1917B	AM/FM TUNER	C511	168-1822-55	1800pF(H-C)	C564	178-1242-78	0.12 μ F(H-B)
C104	166-1201-50	12pFCH	C512	166-2201-50	22pFCH	C564	178-5632-78	0.056 μ F(H-C)
C114	166-1007-50	10pFCH	C513	166-2201-50	22pFCH	C568	178-2242-78	0.22 μ F(H-A)
C116	168-1045-56	0.1 μ F	C514	168-1522-55	1500pF(H-A)	C568	178-1222-78	1200pF(H-B)
C117	178-2232-78	0.022 μ F	C515	166-2201-50	22pFCH	C568	178-3332-78	0.033 μ F(H-C)
C118	168-1022-55	1000pF	C516	166-2201-50	22pFCH	C569	178-2242-78	0.22 μ F(H-A)
C119	182-1073-29	10V100 μ F	C529	178-6822-78	6800pF(H-C)	C569	178-1222-78	1200pF(H-B)
C120	042-0458-93	50V2.2 μ F LN	C530	178-8222-78	8200pF(H-A)	C569	178-3332-78	0.033 μ F(H-C)
C122	182-1073-29	10V100 μ F	C530	178-6822-78	6800pF(H-C)	C570	178-3332-78	0.033 μ F(H-A)
C123	182-1073-29	10V100 μ F	C531	178-1232-78	0.012 μ F(H-B)	C570	178-2242-78	0.22 μ F(H-B,H-C)
C125	182-4763-39	16V47 μ F	C531	178-6832-78	0.068 μ F(H-C)	C571	178-3332-78	0.033 μ F(H-A)
C126	183-1056-68	50V1 μ F	C532	178-1832-78	0.018 μ F(H-B)	C571	178-2242-78	0.22 μ F(H-B,H-C)
C127	168-1532-55	0.015 μ F	C532	178-6832-78	0.068 μ F(H-C)	C572	168-1022-55	1000pF
C128	168-3332-78	0.033 μ F	C533	178-5632-78	0.056 μ F(H-C)	C573	182-1053-69	50V1 μ F
C129	168-3332-78	0.033 μ F	C534	178-4732-78	0.047 μ F(H-A)	C574	182-2253-69	50V2.2 μ F
C203	166-1011-50	100pFCH	C534	178-3332-78	0.033 μ F(H-C)	C576	168-1045-56	0.1 μ F
C204	166-1011-50	100pFCH	C535	178-3332-78	0.033 μ F(H-B)	C701	172-1041-15	0.1 μ F
C205	166-1011-50	100pFCH	C535	178-5632-78	0.056 μ F(H-C)	C702	042-0447-00	16V2200 μ F
C206	166-1011-50	100pFCH	C536	178-2732-78	0.027 μ F(H-B)	C703	168-2222-55	2200pF
C207	168-1045-56	0.1 μ F	C536	178-5632-78	0.056 μ F(H-C)	C704	168-2222-55	2200pF
C208	168-1045-56	0.1 μ F	C537	166-2201-50	22pFCH(H-A,H-C)	C705	168-2222-55	2200pF
C212	166-8097-50	8pFCH	C538	166-2201-50	22pFCH(H-A,H-C)	C706	168-2222-55	2200pF
C213	182-4763-19	6.3V47 μ F	C539	166-2201-50	22pFCH	C707	168-2222-55	2200pF
C214	168-1045-56	0.1 μ F	C540	166-2201-50	22pFCH	C708	168-2222-55	2200pF
C215	182-4763-19	6.3V47 μ F	C541	166-2201-50	22pFCH(H-A,H-C)	C709	168-2222-55	2200pF
C301	168-4722-55	4700pF	C542	166-2201-50	22pFCH(H-A,H-C)	C710	168-2222-55	2200pF
C303	184-2273-28	10V220 μ F	C543	166-2201-50	22pFCH	C711	168-2222-55	2200pF
C306	184-1083-29	10V1000 μ F	C544	166-2201-50	22pFCH	C712	172-1041-15	0.1 μ F
C307	182-1063-39	16V10 μ F	C545	178-1542-78	0.15 μ F(H-A)	C713	182-1063-39	16V10 μ F
C311	183-1063-37	16V10 μ F	C545	178-2242-78	0.22 μ F(H-C)	C714	183-6843-69	50V0.68 μ F
C312	183-1063-37	16V10 μ F	C546	178-2742-78	0.27 μ F(H-A,H-C)	C802	182-4763-39	16V47 μ F
C313	183-1063-37	16V10 μ F	C547	178-2242-78	0.22 μ F(H-A)	C803	182-1063-39	16V10 μ F
C314	183-1063-37	16V10 μ F	C547	178-1542-78	0.15 μ F(H-B)	C804	182-4763-19	6.3V47 μ F
C315	182-2263-19	6.3V22 μ F	C547	178-1242-78	0.12 μ F(H-C)	C805	182-4763-19	6.3V47 μ F
C316	182-1053-69	50V1 μ F	C548	178-2242-78	0.22 μ F(H-A)	C806	182-1063-39	16V10 μ F
C318	183-1043-69	50V0.1 μ F	C548	178-3342-78	0.33 μ F(H-B)	C807	182-1063-39	16V10 μ F
C319	183-1043-69	50V0.1 μ F	C548	178-1242-78	0.12 μ F(H-C)	C808	168-1045-56	0.1 μ F
C321	182-1053-69	50V1 μ F	C549	178-4732-78	0.047 μ F(H-A)	C809	184-4773-39	16V470 μ F
C322	178-1042-78	0.1 μ F	C549	178-3932-78	0.039 μ F(H-C)	C810	183-4756-58	35V4.7 μ F
C323	178-1042-78	0.1 μ F	C550	178-2242-78	0.22 μ F(H-A)	C811	168-1045-56	0.1 μ F
C325	182-1053-69	50V1 μ F	C550	178-3932-78	0.039 μ F(H-C)	C812	168-1045-56	0.1 μ F
C326	182-1053-69	50V1 μ F	C551	178-2242-78	0.22 μ F(H-A)	C813	172-4741-15	0.47 μ F
C328	182-1063-39	16V10 μ F	C551	178-5632-78	0.056 μ F(H-B)	C901	178-2242-78	0.22 μ F
C329	182-1063-39	16V10 μ F	C551	178-3342-78	0.33 μ F(H-C)	C902	168-1045-56	0.1 μ F
C330	182-1063-39	16V10 μ F	C552	178-2242-78	0.22 μ F(H-A)	C903	168-1022-55	1000pF
C331	182-1063-39	16V10 μ F	C552	178-1242-78	0.12 μ F(H-B)	C904	168-1022-55	1000pF
C332	182-1053-69	50V1 μ F	C552	178-3342-78	0.33 μ F(H-C)	C905	042-0447-00	16V2200 μ F
C333	182-1053-69	50V1 μ F	C553	178-1542-78	0.15 μ F(H-A)	CCT205	050-0140-54	1k X4
C334	178-1242-78	0.12 μ F	C553	117-0000-05	1/10W 0 (H-B,H-C)	CCT206	050-0140-54	1k X4
C335	178-1242-78	0.12 μ F	C554	178-1542-78	0.15 μ F(H-A)	D701	001-2015-00	RL253
C336	168-1532-55	0.015 μ F	C554	117-0000-05	1/10W 0 (H-B,H-C)	D702	001-0626-91	1A2
C337	168-1532-55	0.015 μ F	C555	117-0000-05	1/10W 0 (H-A)	D703	001-0347-34	MA4062L
C338	168-3312-55	330pF	C555	178-1242-78	0.12 μ F(H-B)	D704	001-0626-91	1A2
C339	168-3312-55	330pF	C555	178-5632-78	0.056 μ F(H-C)	D802	001-0347-48	MA4091H
C340	182-1063-39	16V10 μ F	C556	117-0000-05	1/10W 0 (H-A)	D803	001-0516-90	MA111
C341	182-1063-39	16V10 μ F	C556	178-1242-78	0.12 μ F(H-B)	D804	001-0504-31	HZS6A2L
C342	168-3332-78	0.033 μ F	C556	178-5632-78	0.056 μ F(H-C)	D806	001-0504-31	HZS6A2L
C343	182-1063-39	16V10 μ F	C557	178-1542-78	0.15 μ F(H-A)	D808	001-0504-45	HZS9B1L
C344	182-1063-39	16V10 μ F	C557	117-0000-05	1/10W 0 (H-B,H-C)	D810	001-0347-48	MA4091H
C345	182-1063-39	16V10 μ F	C558	117-0000-05	1/10W 0 (H-A)	IC201	052-1173-00	μ PD178076GF-541-3BA
C346	182-1063-39	16V10 μ F	C558	178-1242-78	0.12 μ F(H-B)	IC301	051-3034-90	NJM4558V
C502	168-4712-55	470pF(H-B)	C558	178-5632-78	0.056 μ F(H-C)	IC302	051-5024-10	LC75386YWHS-R
C504	168-4712-55	470pF(H-A,H-B)	C559	166-2201-50	22pFCH	IC501	051-3019-90	NJM2060V
C505	166-2201-50	22pFCH	C560	166-2201-50	22pFCH	IC503	051-3019-90	NJM2060V(H-A,H-C)
C506	166-2201-50	22pFCH	C561	166-2201-50	22pFCH	IC504	051-3019-90	NJM2060V
C507	168-1522-55	1500pF(H-A)	C562	166-2201-50	22pFCH	IC505	051-3019-90	NJM2060V
C508	166-2201-50	22pFCH	C563	178-1542-78	0.15 μ F(H-A)	IC506	051-2037-00	TDA7560
C509	166-2201-50	22pFCH	C563	117-0000-05	1/10W 0 (H-B,H-C)	J201	074-1191-26	26P
C510	168-1822-55	1800pF(H-C)	C564	117-0000-05	1/10W 0 (H-A)			

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
J302	074-0850-08	8P	R245	119-1031-15	1/16W 10k	R562	119-1541-15	1/16W 150k (H-A,H-C)
J701	074-1068-11	16P	R246	119-1031-15	1/16W 10k	R563	119-1541-15	1/16W 150k
L104	010-2003-04	COIL	R301	119-1021-15	1/16W 1k	R564	119-1541-15	1/16W 150k
L202	010-6009-64	2.2 μ H	R302	119-1021-15	1/16W 1k	R565	119-1511-15	1/16W 150 (H-A,H-C)
L701	009-0680-00	CHOKE	R308	119-4731-15	1/16W 47k	R566	119-1511-15	1/16W 150 (H-A,H-C)
L701	009-0680-60	CHOKE	R310	119-4731-15	1/16W 47k	R567	119-1511-15	1/16W 150
P701	076-0540-14	14P	R315	119-4731-15	1/16W 47k	R568	119-1511-15	1/16W 150
Q104	198-0669-00	2SK669	R316	032-0106-64	1/10W 56k $\pm 0.5\%$	R569	119-3021-15	1/16W 3k (H-A)
Q106	190-1150-00	2SA1150	R317	119-3011-15	1/16W 300	R569	119-3921-15	1/16W 3.9k (H-C)
Q107	125-2004-92	RN1402	R318	032-0106-64	1/10W 56k $\pm 0.5\%$	R570	119-1821-15	1/16W 1.8k (H-A)
Q108	190-1150-00	2SA1150	R319	111-8211-98	1/4WS 820	R570	119-3021-15	1/16W 3k (H-C)
Q304	125-2004-92	RN1402	R320	111-8211-98	1/4WS 820	R571	119-1521-15	1/16W 1.5k (H-A)
Q305	125-9003-92	IMD3	R323	032-0106-64	1/10W 56k $\pm 0.5\%$	R571	119-2721-15	1/16W 2.7k (H-B)
Q701	192-2712-00	2SC2712	R324	119-3011-15	1/16W 300	R571	119-1621-15	1/16W 1.6k (H-C)
Q801	193-2118-00	2SD2118	R325	032-0106-64	1/10W 56k $\pm 0.5\%$	R572	119-1521-15	1/16W 1.5k (H-A)
Q802	125-2004-92	RN1402	R334	119-4721-15	1/16W 4.7k	R572	119-2721-15	1/16W 2.7k (H-B)
Q803	190-1150-00	2SA1150	R335	119-4721-15	1/16W 4.7k	R572	119-1621-15	1/16W 1.6k (H-C)
Q804	125-2004-92	RN1402	R338	119-4741-15	1/16W 470k	R573	119-1231-15	1/16W 12k (H-A)
Q805	125-0002-92	RN2402	R339	119-4731-15	1/16W 47k	R574	119-1231-15	1/16W 12k (H-B)
Q806	193-1858-00	2SD1858	R501	119-3331-15	1/16W 33k	R574	119-5131-15	1/16W 51k (H-C)
Q811	193-2118-00	2SD2118	R502	119-3331-15	1/16W 33k	R575	119-1221-15	1/16W 1.2k (H-A)
Q812	125-9003-92	IMD3	R503	119-3331-15	1/16W 33k	R575	119-7521-15	1/16W 7.5k (H-B,H-C)
Q813	103-2012-00	2SD2012	R504	119-3331-15	1/16W 33k	R576	119-7521-15	1/16W 7.5k (H-A)
Q814	125-2004-92	RN1402	R505	119-2231-15	1/16W 22k (H-A)	R576	119-1221-15	1/16W 1.2k (H-B)
Q816	193-2118-00	2SD2118	R505	119-1031-15	1/16W 10k (H-B,H-C)	R576	119-1231-15	1/16W 12k (H-C)
Q817	193-1306-00	2SD1306	R506	119-1031-15	1/16W 10k (H-A,H-C)	R577	119-1031-15	1/16W 10k
Q818	192-2712-00	2SC2712	R506	119-1631-15	1/16W 16k (H-B)	R578	119-1031-15	1/16W 10k
R111	119-1221-15	1/16W 1.2k	R507	119-2231-15	1/16W 22k (H-A)	R579	119-5131-15	1/16W 51k
R112	119-4721-15	1/16W 4.7k	R507	119-1031-15	1/16W 10k (H-B,H-C)	R580	119-5131-15	1/16W 51k
R113	119-1821-15	1/16W 1.8k	R508	119-1031-15	1/16W 10k (H-A,H-C)	R581	119-5131-15	1/16W 51k
R114	111-2701-98	1/4WS 27	R508	119-1631-15	1/16W 16k (H-B)	R582	119-5131-15	1/16W 51k
R115	119-2221-15	1/16W 2.2k	R510	119-1631-15	1/16W 16k (H-B)	R583	119-1031-15	1/16W 10k
R116	111-1501-98	1/4WS 15	R512	119-1631-15	1/16W 16k (H-A,H-B)	R584	119-1031-15	1/16W 10k
R117	119-4721-15	1/16W 4.7k	R513	119-4721-15	1/16W 4.7k	R586	119-1221-15	1/16W 1.2k (H-A)
R118	119-4741-15	1/16W 470k	R514	119-1031-15	1/16W 10k	R586	119-7521-15	1/16W 7.5k (H-B,H-C)
R119	111-1001-98	1/4WS 10	R515	119-1031-15	1/16W 10k	R587	119-7521-15	1/16W 7.5k (H-A)
R120	111-2221-98	1/4WS 2.2k	R516	119-4721-15	1/16W 4.7k	R587	119-1221-15	1/16W 1.2k (H-B)
R121	111-1031-98	1/4WS 10k	R517	119-1231-15	1/16W 12k (H-A)	R587	119-1231-15	1/16W 12k (H-C)
R122	119-1021-15	1/16W 1k	R518	119-1231-15	1/16W 22k (H-C)	R588	119-1231-15	1/16W 12k (H-A)
R123	111-1031-98	1/4WS 10k	R519	119-1231-15	1/16W 22k (H-C)	R589	119-1631-15	1/16W 16k (H-B)
R124	111-2221-98	1/4WS 2.2k	R520	119-1231-15	1/16W 12k (H-A)	R589	119-5131-15	1/16W 51k (H-C)
R198	119-0000-05	1/16W 0	R521	119-4721-15	1/16W 4.7k	R590	119-1031-15	1/16W 10k
R199	119-0000-05	1/16W 0	R522	119-4721-15	1/16W 4.7k	R591	119-1031-15	1/16W 10k
R204	119-4731-15	1/16W 47k	R523	119-1031-15	1/16W 10k	R592	119-1031-15	1/16W 10k
R206	119-4731-15	1/16W 47k	R524	119-1031-15	1/16W 10k	R593	119-1031-15	1/16W 10k
R207	119-4731-15	1/16W 47k	R525	119-2221-15	1/16W 2.2k	R594	119-1031-15	1/16W 10k
R208	119-4731-15	1/16W 47k	R528	119-2221-15	1/16W 2.2k	R595	119-3331-15	1/16W 33k (H-A)
R209	119-1041-15	1/16W 100k	R529	119-2221-15	1/16W 2.2k	R595	119-1041-15	1/16W 100k (H-B,H-C)
R210	119-1041-15	1/16W 100k	R532	119-2221-15	1/16W 2.2k	R596	119-3331-15	1/16W 33k (H-A)
R211	119-1031-15	1/16W 10k (H-A,H-B)	R549	119-4721-15	1/16W 4.7k (H-C)	R596	119-1041-15	1/16W 100k (H-B,H-C)
R212	119-1031-15	1/16W 10k (H-C)	R550	119-3921-15	1/16W 3.9k (H-A)	R597	119-3331-15	1/16W 33k (H-A)
R213	119-1031-15	1/16W 10k (H-B,H-C)	R550	119-3021-15	1/16W 3k (H-C)	R597	119-1041-15	1/16W 100k (H-B)
R214	119-2231-15	1/16W 22k	R552	119-2021-15	1/16W 2k (H-B)	R597	119-2231-15	1/16W 22k (H-C)
R215	119-1031-15	1/16W 10k (H-A)	R552	119-3021-15	1/16W 3k (H-C)	R598	119-3331-15	1/16W 33k (H-A)
R221	119-1031-15	1/16W 10k	R553	119-1511-15	1/16W 150 (H-C)	R598	119-1041-15	1/16W 100k (H-B)
R222	119-4731-15	1/16W 47k	R554	119-1511-15	1/16W 150 (H-A,H-C)	R598	119-2231-15	1/16W 22k (H-C)
R223	119-1031-15	1/16W 10k	R555	119-1511-15	1/16W 150 (H-B,H-C)	R602	119-3941-15	1/16W 390k
R224	119-1021-15	1/16W 1k	R556	119-1511-15	1/16W 150 (H-B,H-C)	R603	119-3941-15	1/16W 390k
R225	119-1031-15	1/16W 10k	R557	119-1541-15	1/16W 150k (H-A,H-C)	R604	119-2231-15	1/16W 22k
R226	119-1021-15	1/16W 1k	R558	119-1541-15	1/16W 150k (H-A,H-C)	R605	119-2231-15	1/16W 22k
R227	119-4731-15	1/16W 47k	R559	119-1541-15	1/16W 150k	R606	119-2231-15	1/16W 22k
R228	119-3311-15	1/16W 330	R560	119-1541-15	1/16W 150k	R607	119-2231-15	1/16W 22k
R229	119-3311-15	1/16W 330	R561	119-1541-15	1/16W 150k (H-A,H-C)	R611	119-4731-15	1/16W 47k
R230	119-1021-15	1/16W 1k				R612	119-1031-15	1/16W 10k
R231	119-1021-15	1/16W 1k				R701	119-1031-15	1/16W 10k
R232	119-4731-15	1/16W 47k				R702	119-5611-15	1/16W 560
R233	119-4731-15	1/16W 47k				R703	111-1531-98	1/4WS 15k
R234	119-1031-15	1/16W 10k						
R236	119-4731-15	1/16W 47k						
R237	119-1031-15	1/16W 10k (H-A,H-C)						
R238	119-1031-15	1/16W 10k (H-B)						

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R704	111-2291-11	1W 2.2	R819	119-1041-15	1/16W 100k	R908	119-8201-15	1/16W 82
R803	111-4711-98	1/4WS 470	R821	111-2021-98	1/4WS 2k	R910	111-3911-98	1/4WS 390
R804	111-1021-98	1/4WS 1k	R822	111-2021-98	1/4WS 2k	R912	119-1021-15	1/16W 1k
R805	119-2231-15	1/16W 22k	R825	111-1001-98	1/4WS 10	R913	119-1021-15	1/16W 1k
R806	119-4741-15	1/16W 470k	R826	119-5611-15	1/16W 560	SUP101	060-0122-10	DSP-201M
R807	119-2231-15	1/16W 22k	R827	119-4721-15	1/16W 4.7k	TC201	004-1580-02	TRIMMER
R814	111-2211-98	1/4WS 220	R828	111-1831-98	1/4WS 18k	VR102	012-5203-56	10k
R815	119-1041-15	1/16W 100k	R829	111-1001-98	1/4WS 10	X201	061-3055-00	4.5MHz
R818	111-3911-98	1/4WS 390	R901	119-1021-15	1/16W 1k			

Switch PWB(B2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C901	168-1045-56	0.1 μ F	IC901	051-6000-20	LC75853NW	S904	013-6305-50	SKQMAH
C902	168-1045-56	0.1 μ F	J901	074-1151-14	14P	S905	013-6305-50	SKQMAH
C903	168-6812-55	680pF	PL901	017-0447-59	8V105mA	S906	013-6305-50	SKQMAH
C904	168-1045-56	0.1 μ F	PL902	017-0447-59	8V105mA	S907	013-6305-50	SKQMAH
C905	042-0423-92	6.3V4.7 μ F	PL903	017-0433-52	14V40mA	S908	013-6305-50	SKQMAH
D901	001-0516-90	MA111	PL904	017-0433-52	14V40mA	S909	013-6305-50	SKQMAH
D902	001-0516-90	MA111	PL905	017-0433-52	14V40mA	S910	013-6305-50	SKQMAH
D903	001-0516-90	MA111	PL906	017-0433-52	14V40mA	S911	013-6305-50	SKQMAH
D904	001-0516-90	MA111	PL907	017-0433-52	14V40mA	S912	013-6305-50	SKQMAH
D905	001-0516-90	MA111	R902	119-6831-15	1/16W 68k	S913	013-6305-50	SKQMAH
D906	001-0516-90	MA111	S901	013-6305-50	SKQMAH	S915	013-6305-50	SKQMAH
D907	001-0516-90	MA111	S902	013-6305-50	SKQMAH	VR903	016-0013-03	ROTARY ENCODER
D908	001-0516-90	MA111	S903	013-6305-50	SKQMAH			

CD PWB section(B3):CD mechanism

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C101	168-1042-78	0.1 μ F	C207	043-0533-50	0.047 μ F	R109	033-1031-15	1/16W 10k
C102	045-4701-50	47pF	C208	046-6822-58	6800pF	R110	033-1051-15	1/16W 1M
C103	046-4722-58	4700pF	C209	168-1042-78	0.1 μ F	R111	033-3321-15	1/16W 3.3k
C104	168-1042-78	0.1 μ F	C210	043-0533-50	0.047 μ F	R114	033-2211-15	1/16W 220
C105	046-1532-78	0.015 μ F	C211	168-1042-78	0.1 μ F	R115	033-2211-15	1/16W 220
C106	046-1032-78	0.01 μ F	C212	168-1042-78	0.1 μ F	R116	033-1031-15	1/16W 10k
C107	046-1032-78	0.01 μ F	C213	045-5096-50	5pF	R117	033-1021-15	1/16W 1k
C108	046-4722-58	4700pF	C214	045-5601-50	56pF	R131	033-4711-15	1/16W 470
C109	046-1522-58	1500pF	C215	043-0533-50	0.047 μ F	R132	033-2211-15	1/16W 220
C110	046-3332-78	0.033 μ F	C216	178-1052-78	1 μ F	R201	117-2201-15	1/10W 22
C111	168-1042-78	0.1 μ F	C217	045-1011-50	100pF	R202	117-2201-15	1/10W 22
C112	046-3332-78	0.033 μ F	C301	163-1073-35	16V100 μ F	R203	033-1041-15	1/16W 100k
C113	168-1042-78	0.1 μ F	C302	168-1042-78	0.1 μ F	R204	033-1041-15	1/16W 100k
C114	168-1042-78	0.1 μ F	C303	043-0533-50	0.047 μ F	R205	033-1041-15	1/16W 100k
C115	046-4712-58	470pF	D201	001-0516-90	MA111	R206	033-1041-15	1/16W 100k
C116	046-4712-58	470pF	IC101	051-6376-00	TC94A14FA	R207	033-1041-15	1/16W 100k
C117	043-0533-50	0.047 μ F	IC102	051-3279-90	BA033LBSG	R208	033-8231-15	1/16W 82k
C118	043-0533-50	0.047 μ F	IC201	051-5710-90	TA2157F	R209	033-6811-15	1/16W 680
C119	045-2701-50	27pF	IC301	051-6049-08	BA5983FP-E2	R210	033-6831-15	1/16W 68k
C120	045-1801-50	18pF	J101	074-1228-76	26P	R211	033-1831-15	1/16W 18k
C121	163-1063-35	16V10 μ F	J201	074-1138-65	15P	R212	033-2721-15	1/16W 2.7k
C122	178-1052-78	1 μ F	J301	074-1138-60	10P	R213	033-1011-15	1/16W 100
C123	046-1032-78	0.01 μ F	L101	010-2285-57	BLM21B102SPT	R214	033-1021-15	1/16W 1k
C124	163-1073-05	4V100 μ F	L102	010-2285-57	BLM21B102SPT	R215	033-1031-15	1/16W 10k
C125	168-1042-78	0.1 μ F	L103	010-2285-57	BLM21B102SPT	R217	033-1041-15	1/16W 100k
C126	168-1042-78	0.1 μ F	L104	010-2285-57	BLM21B102SPT	R218	033-2211-15	1/16W 220
C129	178-1052-78	1 μ F	L105	010-2285-57	BLM21B102SPT	R301	117-6811-15	1/16W 680
C201	163-3363-05	4V33 μ F	L401	010-3050-93	10 μ H	R304	033-3921-15	1/16W 3.9k
C202	168-1042-78	0.1 μ F	Q201	131-1188-50	2SB1188	R305	033-3921-15	1/16W 3.9k
C203	178-1052-78	1 μ F	R102	033-5621-15	1/16W 5.6k	R306	033-1041-15	1/16W 100k
C204	163-1073-05	4V100 μ F	R104	033-4731-15	1/16W 47k	R307	033-2211-15	1/16W 220
C205	163-3363-05	4V33 μ F	R105	033-1041-15	1/16W 100k	X102	060-1528-90	16.934M
C206	168-1042-78	0.1 μ F	R108	033-1531-15	1/16W 15k			

LED PWB section(B4):CD mechanism

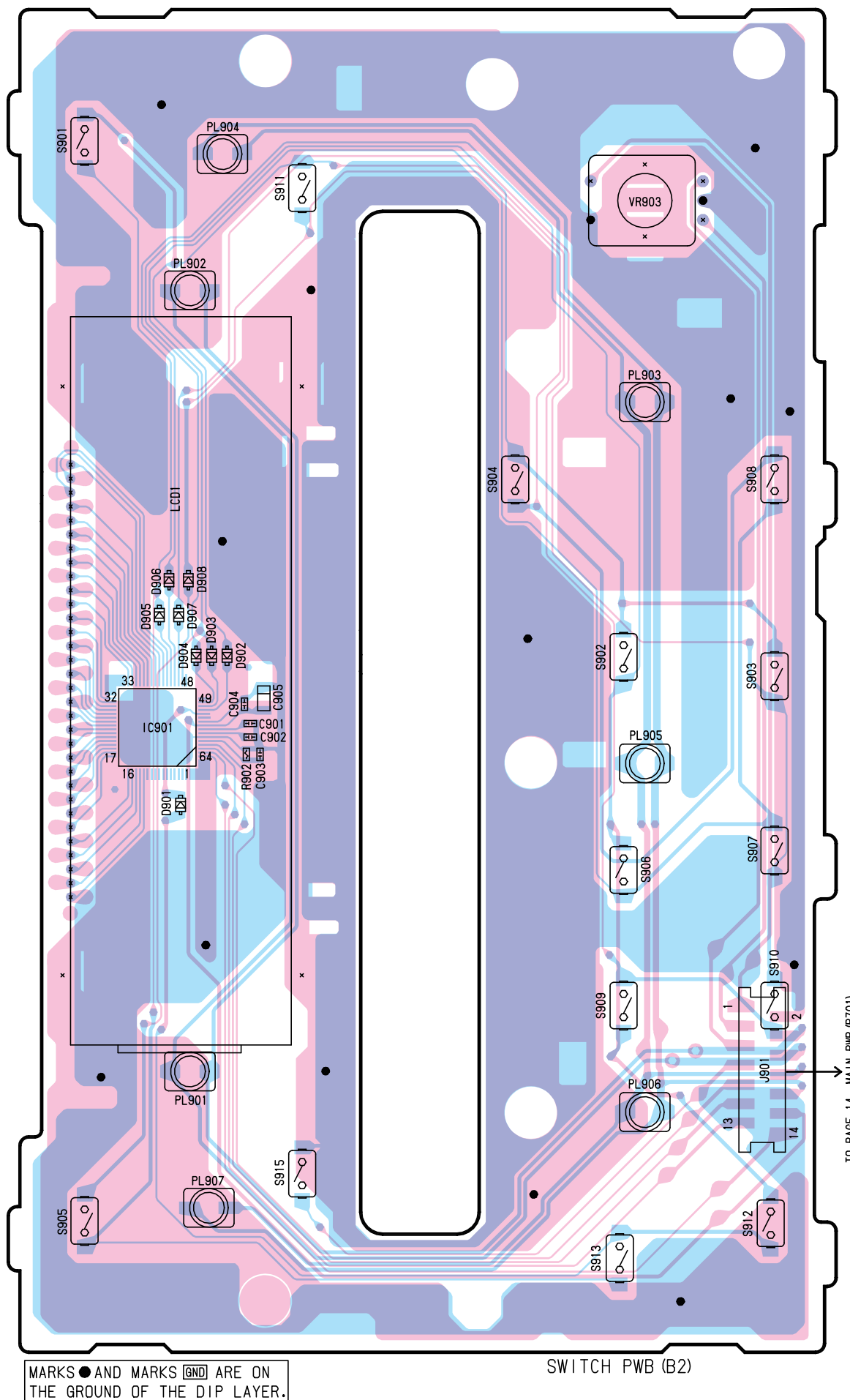
REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR	Q1	060-4015-90	PS1192H	S2	013-7413-50	LIMIT
D2	001-7058-90	AN1105W-RR	Q2	060-4015-90	PS1192H			
J1	074-1138-60	10P	S1	013-7414-50	CHUCKING			

Switch PWB(B2) section



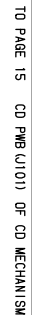
■ PRINTED WIRING BOARD

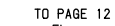
Switch PWB(B2) section



SWITCH PWB (B2)

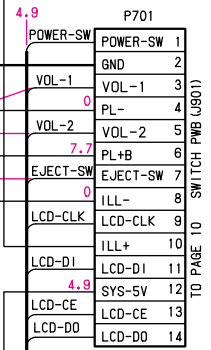
Main PWB(B1) section 1/2





The following parts depend on each model.

	H-A	H-B	H-C		H-A	H-B	H-C
C502	—	470pF	—	R505	22k Ω	10k Ω	10k Ω
C504	470pF	470pF	—	R506	10k Ω	16k Ω	10k Ω
C507	1500pF	—	—	R507	22k Ω	10k Ω	10k Ω
C510	—	—	1800pF	R508	10k Ω	16k Ω	10k Ω
C511	—	—	1800pF	R510	—	16k Ω	—
C514	1500pF	—	—	R512	16k Ω	16k Ω	—
C529	—	—	6800pF	R517	12k Ω	—	—
C530	8200pF	—	6800pF	R518	—	—	12k Ω
C531	—	0.012uF	0.068uF	R519	—	—	12k Ω
C532	—	0.018uF	0.068uF	R520	12k Ω	—	—
C533	—	—	0.056uF	R549	—	—	4.7k Ω
C534	0.047uF	—	0.033uF	R550	3.9k Ω	—	3k Ω
C535	—	0.033uF	0.056uF	R551	—	2.7k Ω	3k Ω
C536	—	0.027uF	0.056uF	R552	—	2k Ω	3k Ω
C537	22pF	—	22pF	R553	—	—	150 Ω
C538	22pF	—	22pF	R554	150 Ω	—	150 Ω
C541	22pF	—	22pF	R555	—	150 Ω	150 Ω
C542	22pF	—	22pF	R556	—	150 Ω	150 Ω
C545	0.15uF	—	0.22uF	R557	150k Ω	—	150k Ω
C546	0.27uF	—	0.27uF	R558	150k Ω	—	150k Ω
C547	0.22uF	0.15uF	0.12uF	R561	150k Ω	—	150k Ω
C548	0.22uF	0.33uF	0.12uF	R562	150k Ω	—	150k Ω
C549	0.047uF	—	0.039uF	R565	150 Ω	—	150 Ω
C550	0.22uF	—	0.039uF	R566	150 Ω	—	150 Ω
C551	0.22uF	0.056uF	0.33uF	R569	3k Ω	—	3.9k Ω
C552	0.22uF	0.12uF	0.33uF	R570	1.8k Ω	—	3k Ω
C553	0.15uF	JW	JW	R571	1.5k Ω	2.7k Ω	1.6k Ω
C554	0.15uF	JW	JW	R572	1.5k Ω	2.7k Ω	1.6k Ω
C555	JW	0.12uF	0.056uF	R573	12k Ω	—	—
C556	JW	0.12uF	0.056uF	R574	—	12k Ω	51k Ω
C557	0.15uF	JW	JW	R575	1.2k Ω	7.5k Ω	7.5k Ω
C558	JW	0.12uF	0.056uF	R576	7.5k Ω	1.2k Ω	12k Ω
C563	0.15uF	JW	JW	R586	1.2k Ω	7.5k Ω	7.5k Ω
C564	JW	0.12uF	0.056uF	R587	7.5k Ω	1.2k Ω	12k Ω
C568	0.22uF	1200pF	0.033uF	R588	12k Ω	—	—
C569	0.22uF	1200pF	0.033uF	R589	—	16k Ω	51k Ω
C570	0.033uF	0.22uF	0.22uF	R595	33k Ω	100k Ω	100k Ω
C571	0.033uF	0.22uF	0.22uF	R596	33k Ω	100k Ω	100k Ω
				R597	33k Ω	100k Ω	22k Ω
				R598	33k Ω	100k Ω	22k Ω



■ PRINTED WIRING BOARD

Main PWB(B1) section

K	NC
L	REAR RIGHT SP (+)
M	GND
N	REAR LEFT SP (-)
O	REAR LEFT SP (+)
P	REAR RIGHT SP (-)

A	FRONT LEFT SP (+)
B	FRONT RIGHT SP (+)
C	ILLUMINATION
D	ACC
E	FRONT LEFT SP (-)
F	FRONT RIGHT SP (-)
G	NC
H	BACK UP
I	ILL. CONTROL
J	GND

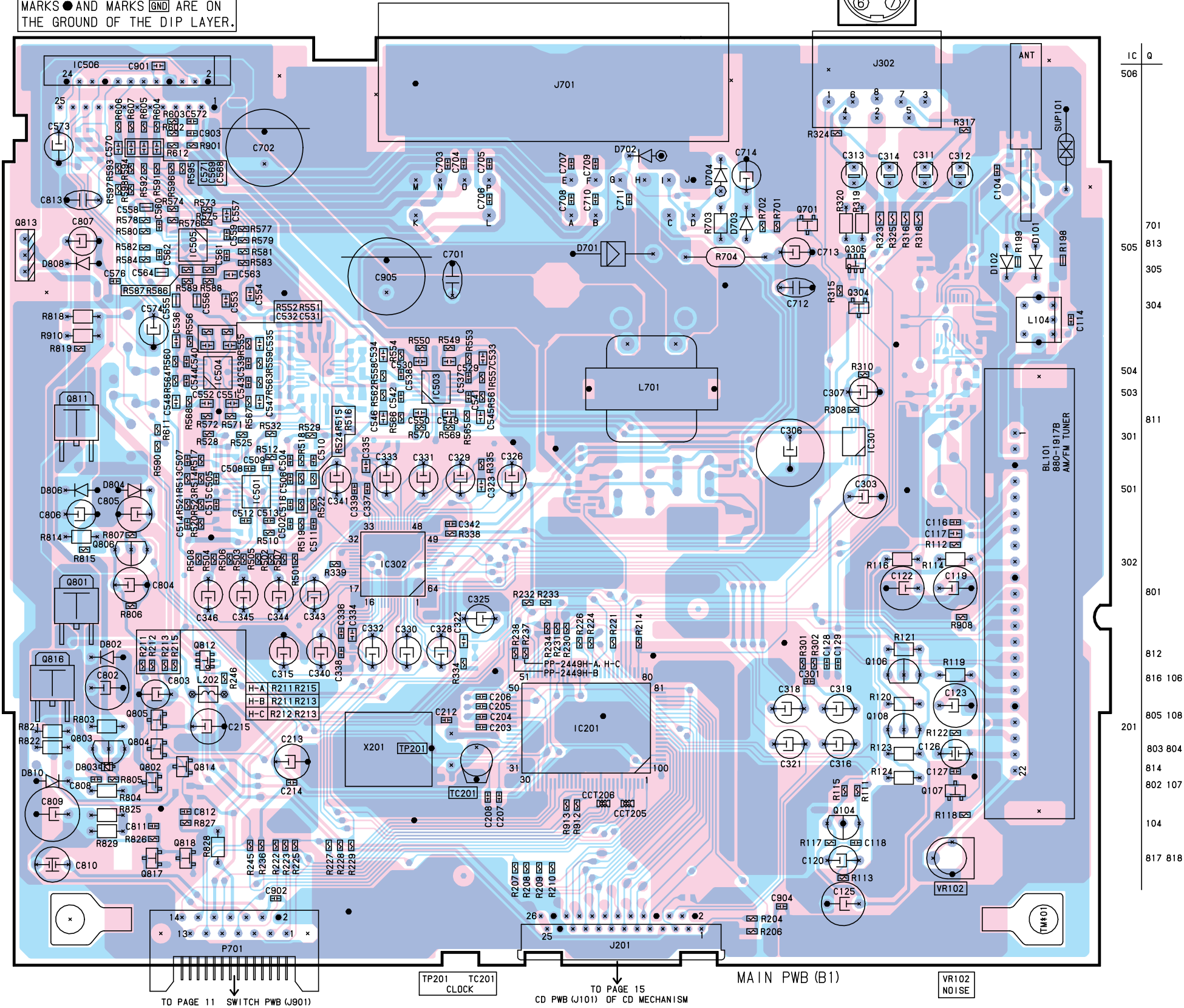
1	AUX ON SIGNAL IN
2	COMBI ON SIGNAL OUT
3	NC
4	L-ch IN (+)
5	R-ch IN (+)
6	L-ch IN (-)
7	R-ch IN (-)
8	NC

The following parts depend on each model.

	H-A	H-B	H-C		H-A	H-B	H-C
C502	—	○	—	R505	○	○	○
C504	○	○	—	R506	○	○	○
C507	○	○	—	R507	○	○	○
C510	—	—	○	R508	○	○	○
C511	—	—	○	R510	—	—	—
C514	○	—	—	R512	○	○	—
C529	—	—	○	R517	○	—	—
C530	○	—	○	R518	—	—	○
C531	—	○	○	R519	—	—	○
C532	—	○	○	R520	○	—	—
C533	—	—	○	R549	—	—	○
C534	○	—	○	R550	○	—	○
C535	—	○	○	R551	—	—	○
C536	—	○	○	R552	—	○	○
C537	○	—	○	R553	—	—	○
C538	○	—	○	R554	○	—	○
C541	○	—	○	R555	—	—	○
C542	○	—	○	R556	—	—	○
C545	○	—	○	R557	○	—	○
C546	○	—	○	R558	○	—	○
C547	○	○	○	R561	○	—	○
C548	○	○	○	R562	○	—	○
C549	○	—	○	R565	○	—	○
C550	○	—	○	R566	○	—	○
C551	○	○	○	R569	○	—	○
C552	○	○	○	R570	○	—	○
C553	○	○(JW)	○(JW)	R571	○	○	○
C554	○	○(JW)	○(JW)	R572	○	—	—
C555	○(JW)	○	○	R573	○	—	—
C556	○(JW)	○	○	R574	—	—	—
C557	○	○(JW)	○(JW)	R575	○	○	○
C558	○(JW)	○	○	R576	○	○	○
C563	○	○(JW)	○(JW)	R586	○	—	—
C564	○(JW)	○	○	R587	○	○	○
C568	○	○	○	R588	○	—	—
C569	○	○	○	R589	—	○	○
C570	○	○	○	R595	○	—	—
C571	○	○	○	R596	○	○	○
IC503	○	—	○	R597	○	○	○
				R598	○	○	○

H-A(PP-2449H-A)/H-B(PP-2449H-B)/H-C(PP-2449H-C)

MARKS ● AND MARKS □ ARE ON THE GROUND OF THE DIP LAYER.



CD PWB(B3)/LED PWB(B4) section



CD PWB(B3)/LED PWB(B4) section

